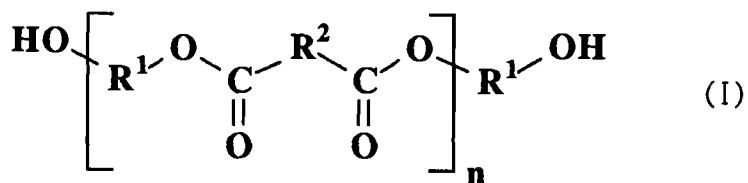


CLAIMS

1. A moisture-curable polyurethane hot-melt adhesive, which includes urethane prepolymer obtained by a reaction between polyisocyanate and polyols, wherein the polyols comprise:

long-chain aliphatic polyester polyol (A) represented by a general formula (I); aliphatic polyether polyol (B) having a number average molecular weight of 3,000 to 15,000; and aromatic polyester polyol (CI) which has a number average molecular weight of 1,000 to 5,000 and has a glass-transition temperature of 40°C or more.



(In the general formula (I), R¹ and R² each independently represents a straight chain alkylene group wherein the number of carbon atoms in the group is an even number, the sum of the number of carbon atoms in R¹ and R² is 12 or more, and n represents a number of 3 to 40.)

2. The moisture-curable polyurethane hot-melt adhesive according to claim 1, wherein the polyol further comprises aromatic polyesterpolyol (CII) which has a number average molecular weight of 400 to 3,500 and a glass-transition temperature of 20°C or less.

3. The moisture-curable polyurethane hot-melt adhesive according to claim 1, wherein the aliphatic polyetherpolyol (B) is a polypropylene glycol or polybutylene glycol, which has a number average molecular weight of 3,000 to 15,000.

4. The moisture-curable polyurethane hot-melt adhesive according to claim 1, wherein the aliphatic polyetherpolyol (B) is ethylene oxide denatured polypropylene glycol or ethylene oxide denatured polybutylene glycol, which is obtained by adding ethylene oxide to both terminal ends of polypropylene glycol or polybutylene glycol.

5. The moisture-curable polyurethane hot-melt adhesive according to claim 4, wherein the aliphatic polyetherpolyol (B) includes 20% by mass or less of structural units originating from ethylene oxide based on the total amount of the aliphatic polyetherpolyol (B).

6. The moisture-curable polyurethane hot-melt adhesive according to claim 1, wherein the adhesive is obtained by a reaction of the polyisocyanate and the polyols which comprises 20 to 60 parts by mass of the long-chain aliphatic polyester polyol (A), 5 to 40 parts by mass of the aliphatic polyether polyol (B) and 5 to 25 parts by mass of the aromatic polyester polyol (CI) based on 100 parts by mass of the total amount of the polyol and the polyisocyanates.
7. The moisture-curable polyurethane hot-melt adhesive according to claim 2, wherein the adhesive is obtained by a reaction of the polyisocyanate and the polyols, which comprises 20 to 60 parts by mass of the long-chain aliphatic polyester polyol (A), 5 to 40 parts by mass of the aliphatic polyether polyol (B), 5 to 20 parts by mass of the aromatic polyester polyol (CI) and 5 to 20 parts by mass of the aromatic polyesterpolyol (CII), wherein the sum of the polyols (CI) and (CII) is in the range of 10 to 35 parts by mass, based on 100 parts by mass of the total amount of the polyol and the polyisocyanates.
8. The moisture-curable polyurethane hot-melt adhesive according to claim 1, wherein the urethane prepolymer has an island like phase separated structure.
9. The moisture-curable polyurethane hot-melt adhesive according to claim 1, wherein the melt viscosity at 125°C of the adhesive is in the range of 2,000 to 9,000 mPa · s.
10. A decorative fixture member, which is obtained by pasting a sheet or film on a substrate with the moisture-curable polyurethane hot-melt adhesive according to claim 1.